

D01: Averaging Sensor with Connection Head, 275°F Max. Specifications

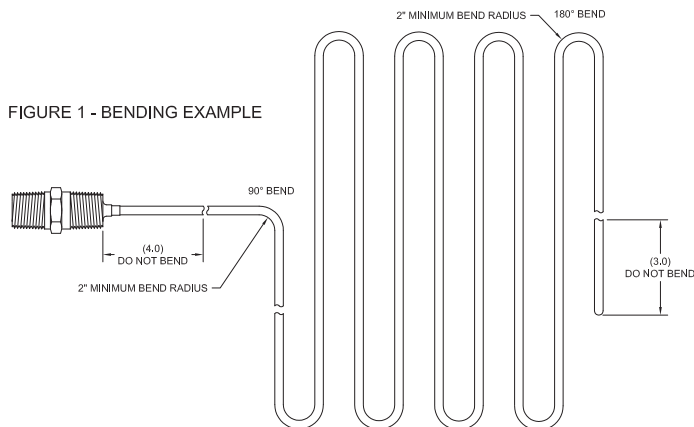
The D01 provides temperature averaging for large area air measurements in rooms or HVAC systems. Model D01 is available in lengths up to 58 feet that can be formed in the field for a custom fit. The sensor can be installed with an optional threaded mounting flange.

Features and Benefits:

- Application: Average air temperature measurement in rooms or ductwork
- Accuracy: Standard 0.10% of resistance at 0.0°C (32°F)
- Element/Lead Wire Configuration: Single 3 or 4 wire, Dual 3 wire
- Sheath:
 - Material: Available in 316L stainless steel for cleanroom applications, or 3003 aluminum or 122 copper where ease of forming is desired.
 - Diameter: Single 0.188", Dual 0.25"
- Sensitive lengths from 3 to 58 feet
- Field formable for custom installation (See Figure 1)
- Optional Connection Head – multiple styles available

Specifications

- Element Configuration: Single and Dual, 100 ohms at 0.0°C (32°F), 0.00385 ohm/ohm/°C nominal alpha
- Temperature Range: -46°C to 135°C (-50°F to 275°F)
- Insulation Resistance: 100 MΩ, 100 VDC at room temperature



Optional Mounting Flange:

